| Inde | x of | Claims | |
|------|------|--------|--|
| | | | |

Application/Control No.

10/666,250

Examiner

Peter Lee

Applicant(s)/Patent under Reexamination

MATSUMOTO ET AL.

Art Unit

2852

| 1 | Rejected |
|---|----------|
| | A11 |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | _ | | _ | _ | | • | | _ | _ | | | | | |
|--------------|----------|-----------|----------|--------------|--------------|----------------|--------------|----------|----------|----------|---|----------|----------|----------|----------|
| Cla | aim | 1 | • | | | Date | | | | | | Cla | aim | | |
| | | \vdash | | | T. | | | | | | | | | | |
| Final | Original | 8/8/05 | | | | | | | | | | Final | Original | | |
| _ | 1 | 1 | \vdash | | \vdash | H | | - | | | | | 51 | | |
| - | 2 | H | ┢ | \vdash | \vdash | \vdash | \vdash | H | _ | _ | | | 52 | | |
| - | 3 | 1 | - | \vdash | \vdash | \vdash | \vdash | | | _ | | | 53 | | |
| | 4 | V | | \vdash | \vdash | | | | - | _ | | | 54 | | _ |
| | 5 | Ì | - | - | \vdash | Н | | | | \vdash | | | 55 | | |
| | 6 | 1 | | | - | | | Н | \vdash | | | | 56 | | |
| | 7 | 1 | | \vdash | | _ | \vdash | <u> </u> | | | | | 57 | | |
| | 8 | 1 | <u> </u> | Н | Т | _ | \vdash | \vdash | | | | | 58 | | |
| | 9 | V | _ | Н | | | | | | | | | 59 | _ | |
| | 10 | 1 | - | | _ | _ | - | П | | | | | 60 | | |
| | 11 | 1 | | \vdash | | | | | | | | | 61 | | |
| | 12 | 1 | | | | | | | | | | | 62 | | |
| | 13 | Г | | | | | | | | | | | 63 | | |
| | 14 | - | | | | | | | | | | | 64 | | |
| | 15 | 一 | <u> </u> | | | | | | | | | | 65 | | |
| | 16 | | | | | | | | | | | | 66 | | |
| | 17 | İ | | Г | | | | | | | | | 67 | | |
| | 18 | | | T | | | | | | Г | | | 68 | | |
| <u> </u> | 19 | Т | Ι | | | | | | | | | | 69 | | |
| | 20 | | Т | Т | | | | | | \vdash | | | 70 | | |
| | 21 | | | | | | | | | | l | | 71 | | |
| | 22 | | Г | | | | | | | Г | 1 | | 72 | | |
| | 23 | | | | | | | | | | } | | 73 | | |
| | 24 | | T | Г | П | | | | | | ŀ | | 74 | | |
| | 25 | | | | | | | | | | | | 75 | | |
| | 26 | | | | | | | | | | | | 76 | | |
| | 27 | | | | | | | | | | | | 77_ | | |
| | 28 | | | | | | | | | | | | 78 | | |
| | 29 | | | | | | | | | | | | 79 | | |
| | 30 | | | | | | | | | | | | 80 | | |
| | 31 | | | | | | | | | | | | 81 | | |
| | 32 | | | | | | | | | | | | 82 | | |
| · | 33 | | | | | | | | | | | | 83 | | |
| | 34 | | | | | | | | | | | | 84 | | |
| | 35 | | L | | | L | L | | | L | | | 85 | | |
| | 36 | | | | | _ | | | | | | | 86 | | |
| | 37 | | _ | | | <u>L</u> | | L | | L | | | 87 | | _ |
| | 38 | _ | Ш | _ | L | <u> </u> | | | | L | | | 88 | | |
| | 39 | | _ | | L | | _ | L | | L | | | 89 | | |
| | 40 | _ | _ | | L | | | <u> </u> | | <u></u> | | | 90 | | |
| | 41 | | _ | | | | | | | | | | 91 | | |
| | 42 | <u> </u> | <u> </u> | | | _ | | <u> </u> | <u> </u> | _ | l | <u> </u> | 92 | \Box | |
| | 43 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | | | 93 | | |
| <u> </u> | 44 | | <u> </u> | ⊢ | ! | <u> </u> | - | \vdash | \vdash | <u> </u> | | <u> </u> | 94 | _ | _ |
| <u> </u> | 45 | <u> </u> | <u> </u> | | | _ | <u> </u> | <u> </u> | \vdash | <u> </u> | 1 | <u> </u> | 95 | <u> </u> | <u> </u> |
| <u> </u> | 46 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | \vdash | <u> </u> | | ļ | 96 | _ | <u> </u> |
| <u> </u> | 47 | _ | <u> </u> | \vdash | ├ | — | | <u> </u> | \vdash | ├- | | <u> </u> | 97 | <u> </u> | <u> </u> |
| | 48 | ⊢ | - | ⊢ | | \vdash | ├ | <u> </u> | <u> </u> | ├ | | - | 98 | <u> </u> | <u> </u> |
| - | 49 | <u> </u> | _ | - | - | - | <u> </u> | - | <u> </u> | - | ł | <u> </u> | 99 | H | - |
| 1 | 50 | ı | i | 1 | ı | ı | ı | į. | ı | i | l | l. | 100 | 1 | ı |

| | | | | | | | | | | | | | | _ | | | | | | | | _ | | | _ | |
|-----|----------|--------------|----------|----------|--------------|----------|--------------|----------|----------|--------------|-----|-------|----------|----------|---|-----------|--------|------|----------|----------|-----------|----------|-------|------------|----------|--------------|
| Cla | im_ | | | | ı | Date | е | | | | | Cla | nim | | | | _ [| Date | | | | | Cla | aim | | |
| | Original | 8/8/05 | | | | | | | | | | Final | Original | | | | | | | | | | Final | Original | | |
| | 1 | 1 | | | | | | | - | | 1 | | 51 | Н | | | \neg | | | \dashv | 寸 | \dashv | | 101 | | |
| _ | 2 | - | | | | | | Г | | \vdash | 1 | | 52 | H | | | | | | T | T | \neg | | 102 | | |
| | 3 | 1 | | | | | | | | | | | 53 | | | | | | | T | 寸 | \neg | | 103 | | |
| | 4 | 1 | | Г | | | Г | | | | 1 | | 54 | П | | | | | | T | 寸 | \neg | | 104 | | |
| | 5 | 1 | | | | | | | | | 1 | | 55 | | | | | | | | | | | 105 | | |
| | 6 | 1 | | | | | | | | | 1 | | 56 | | | | | | | \Box | | ╗ | | 106 | | |
| | 7 | 1 | | | | | | | | | | | 57 | | | | | | | | | | | 107 | | |
| | 8 | 1 | | | | | | | | | | | 58 | | | | | | | | | | | 108 | | |
| | 9 | 1 | | | | | | | | | | | 59 | | | | | | | | | | | 109 | | |
| | 10 | 1 | | L | L | L | Ŀ | | | L | | | 60 | Ш | | | | | | | | _ | | 110 | | |
| | 11 | 1 | | | | _ | | | | L | | | 61 | | | | _ | | | _ | _ | _ | | 111 | \Box | |
| | 12 | 1 | L | <u> </u> | | _ | | L | _ | L_ | | | 62 | | | | _ | | | _ | _ | _ | | 112 | | |
| | 13 | L | _ | Ļ | L_ | <u> </u> | | _ | | _ | | | 63 | Ш | | | | | | | _ | _ | | 113 | | |
| | 14 | <u> </u> | <u> </u> | <u> </u> | L | L_ | L. | | | <u> </u> | | | 64 | | _ | | | | | _ | _ | 4 | | 114 | Щ | |
| _ | 15 | <u> </u> | <u> </u> | ļ | _ | <u> </u> | H | _ | _ | <u> </u> | | | 65 | | _ | _ | _ | Щ | | \dashv | - | 4 | | 115 | _ | _ |
| _ | 16 | _ | <u> </u> | L | ┝ | | <u> </u> | <u> </u> | _ | | 1 | | 66 | Н | _ | | | | | - | \dashv | - | | 116 | | |
| _ | 17 | _ | <u> </u> | | ⊢ | ├ | ┝ | <u> </u> | _ | ├— | - | | 67 | Н | _ | - | _ | Н | | - | - | | | 117 | - | _ |
| | 18 | <u> </u> | <u> </u> | - | - | - | ┢ | ┝ | | | 1 | | 68 | Н | | | - | Н | - | \dashv | \dashv | _ | | 118 | \vdash | - |
| _ | 19 | _ | ┝ | ┝ | \vdash | - | ⊢ | ┝ | | ┝ | ł | | 69 70 | Н | _ | | _ | | | \dashv | \dashv | | | 119 120 | \vdash | <u> </u> |
| _ | 20 21 | - | \vdash | ┝ | ⊢ | ┝╌ | \vdash | ┝ | | ┝ | 1 | | 71 | Н | _ | | | | | + | \dashv | | - | 121 | \vdash | |
| _ | 22 | | ┝ | ┝ | | - | - | ┝ | | | 1 | | 72 | Н | - | \vdash | | _ | \vdash | \dashv | \dashv | - | | 122 | \dashv | |
| | 23 | | ┝ | \vdash | \vdash | - | - | \vdash | | \vdash | 1 | | 73 | Н | | | | | | + | \dashv | \dashv | | 123 | H | |
| - | 24 | | ┝ | \vdash | \vdash | - | | \vdash | \vdash | \vdash | 1 | | 74 | | | | | | | _ | + | \dashv | | 124 | | |
| | 25 | - | ┢╾ | \vdash | \vdash | - | 1 | - | | \vdash | 1 | - | 75 | | | | | | | _ | \dashv | \dashv | | 125 | | |
| | 26 | | - | | | _ | | \vdash | | \vdash | 1 | | 76 | П | | | | | | 一 | 寸 | \neg | | 126 | П | |
| | 27 | | | | - | T | | | | | 1 | | 77 | | | | | | | | 7 | 7 | | 127 | П | |
| | 28 | | | | | | | | | | 1 | | 78 | | | | | | | | \neg | \neg | | 128 | | |
| | 29 | | | | | | | | | | | | 79 | | | | | | | | | | | 129 | | |
| | 30 | | | | | | | | | | | | 80 | | | | | | | | | | | 130 | | |
| | 31 | | | | | L | | | | _ | | | 81 | | | | | _ | \Box | \Box | _ | | | 131 | | |
| | 32 | | | | | L | L. | L | | <u> </u> | | | 82 | | | | | | | _ | _ | | | 132 | | <u></u> |
| | 33 | _ | | | | Ŀ | | | | | | | 83 | | | | _ | _ | | | _ | _ | | 133 | | <u> </u> |
| | 34 | | ļ | | | L_ | ļ | _ | | _ | | | 84 | Ш | | | | | Щ | _ | _ | _ | | 134 | \Box | |
| _ | 35 | _ | L | | <u> </u> | _ | ļ | _ | | <u> </u> | | | 85 | Ш | | | | | | _ | 4 | _ | | 135 | | L. |
| | 36 | | _ | | <u> </u> | _ | | <u> </u> | _ | <u> </u> | 1 | | 86 | | | | | | | _ | - | _ | | 136 | | <u> </u> |
| | 37 | | _ | | | <u> </u> | | | | <u> </u> | | | 87 | | | | | | | | | | | 137 | | <u> </u> |
| _ | 38 | | ┝ | _ | | ⊢ | - | - | | | { ! | | 88 89 | - | | _ | | | | \dashv | \dashv | | - | 138 139 | | \vdash |
| _ | 39 40 | | | - | ┢ | \vdash | | - | | \vdash | 1 | | 90 | - | _ | | | | = | \dashv | \dashv | \dashv | - | 140 | - | - |
| _ | | ├ | - | - | ├ | \vdash | | | - | \vdash | 1 | | 91 | - | _ | | | - | | \dashv | \dashv | - | - | 141 | | |
| _ | 41 | | - | | ┢ | | \vdash | - | | - | | | 92 | | | \dashv | | | Н | \dashv | | - | | 142 | | _ |
| | 43 | | \vdash | | ┢ | ┢ | - | - | - | - | 1 | | 93 | \vdash | | \dashv | | | - | - | \dashv | \dashv | - | 143 | | |
| | 44 | | \vdash | \vdash | \vdash | \vdash | | - | | | | | 94 | | | \exists | _ | | | _ | | _ | } | 144 | | |
| | 45 | | | I | \vdash | | | | | | ί, | | 95 | | | | _ | _ | | | 寸 | \neg | | 145 | | |
| | 46 | П | Г | | | | | | | | 1 | | 96 | | | \Box | _ | | | | 1 | \neg | | 146 | | |
| | 47 | Г | - | | | | | | | | 1 | | 97 | П | | | | Г | | | \exists | \neg | | 147 | | |
| | 48 | | | | | | | | | |] | | 98 | | | | | | | | | | | 148 | | |
| | 49 | | | | | | | | | | | | 99 | | | | | | | | | | | 149 | | |
| | 50 | | | | | | | | | |] | | 100 | | | | | | | | | | | 150 | | |
| _ | | | | | | | | | | | | | | | | | | | | | | - | | | | |

| Cli | aim | Date | | | | | | | | | | |
|--------------|---|--|--------------|---|--|--------------|----------|-------------------|---|----------|--|--|
| | _ | | | | | | | | | П | | |
| a | ina | | | | | | | | | | | |
| Final | Original | | | | | | | | | | | |
| | 0 | | | | | | | | | | | |
| | 101 | | | Г | | | | | | П | | |
| | 101 102 | | | | | - | | | | П | | |
| | 103 | | | | | | | | | | | |
| | 104 | | | | | | | | | | | |
| | 105 | | | | | | | | | П | | |
| | 106 | | | | | | | | Г | П | | |
| | 107 | | | | | | | | | | | |
| | 108 | | | | | | | | | | | |
| | 109 | | | | | | | | | | | |
| | 110 | | | | | | | | | Ш | | |
| | 111 | | | | | L | | | | Ш | | |
| | 112 | | _ | $ldsymbol{ld}}}}}}$ | | <u> </u> | | <u>_</u> | L_ | Ш | | |
| | 113 | | | | | $oxed{oxed}$ | L | <u> </u> | $ldsymbol{ld}}}}}}$ | Ш | | |
| | 114 | Ш | _ | <u> </u> | | Щ | 匚 | <u> </u> | | Ш | | |
| | 115 | Ш | | <u></u> | Ц., | L | L. | <u> </u> | | Ш | | |
| | 116 | | | <u> </u> | | | _ | ļ | | Щ | | |
| ļ | 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 | | _ | L_ | | <u> </u> | _ | $ldsymbol{f eta}$ | <u> </u> | Ш | | |
| | 118 | | | | | _ | | <u> </u> | _ | Щ | | |
| | 119 | | | _ | <u> </u> | | | <u> </u> | <u> </u> | Щ | | |
| | 120 | | <u> </u> | _ | _ | | <u> </u> | _ | _ | Щ | | |
| | 121 | | <u> </u> | _ | _ | | <u> </u> | <u> </u> | <u> </u> | Ш | | |
| | 122 | | _ | | | | _ | _ | L | Ш | | |
| | 123 | | _ | | | | _ | | | Ш | | |
| | 124 | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | _ | ┡ | Щ | | |
| | 125 | <u> </u> | <u> </u> | | _ | _ | <u> </u> | | \vdash | | | |
| <u> </u> | 126 | ⊢ | ⊢ | ⊢ | <u> </u> | \vdash | <u> </u> | | - | \vdash | | |
| <u> </u> | 127 | \vdash | ⊢ | \vdash | - | - | <u> </u> | ├- | - | Н | | |
| <u> </u> | 120 | ├- | ├— | ┝┈ | - | - | | ├─ | - | \vdash | | |
| - | 129 | ┝ | ├ | | ┝ | - | ├ | - | | Н | | |
| | 130 | ├ | | - | ├- | | ├— | _ | | H | | |
| | 122 | ⊢ | ⊢ | - | ├─ | ├ | ├ | \vdash | ⊢ | Н | | |
| | 132 | \vdash | ├ | ├ | ├ | - | ┝ | - | ┢ | Н | | |
| | 134 | ┝ | ├─ | \vdash | ├─ | - | ┝一 | - | \vdash | Н | | |
| | 133 134 135 | \vdash | \vdash | | | - | \vdash | \vdash | \vdash | Н | | |
| | 136 | \vdash | \vdash | | | - | - | \vdash | \vdash | Н | | |
| \vdash | 137 | | \vdash | \vdash | | | \vdash | \vdash | | Н | | |
| | 136 137 138 139 140 | | \vdash | \vdash | | | \vdash | _ | \vdash | Н | | |
| \vdash | 139 | | T | | | <u> </u> | \vdash | \vdash | T | \vdash | | |
| | 140 | <u> </u> | H | <u> </u> | | \vdash | \vdash | - | H | \vdash | | |
| | 141 | H | Т | \vdash | \vdash | | <u> </u> | \vdash | t | H | | |
| \vdash | 142 | \vdash | Г | T | \vdash | Ι_ | \vdash | Г | | Н | | |
| <u> </u> | 143 | | Г | | | | | T | _ | П | | |
| | 144 | | | | | | | Г | | П | | |
| | 145 | | | | | Γ | | | | П | | |
| | 146 | | | | | | | | | П | | |
| | 147 | | Г | | | Г | Γ | Г | <u> </u> | П | | |
| | 148 | | | Г | Г | | ļ | | 1 | П | | |
| | 149 | | | Г | | Γ | | | | П | | |
| | 150 | Г | Г | Г | | Г | | | | П | | |
| | | | | - | | | | | | | | |